

North Dakota Department of Health  
Division of Laboratory Services - Chemistry

Original Report Date: 7/29/14

Report Date: 7/29/14

Log Number: 14-C445

Date Collected: 7/24/14

Date Received: 7/24/14

Time Collected: 9:32

Time Received: 16:00

Township:

Range:

Section:

Owner:

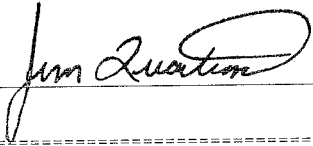
Source: Red River #3

Project: RROSWF Red River Oil Serv. Williston Fire

Comments: 48.146392-103.598411 Relief channel east of site

ATTN DAVE GLATT EHSC - HL12622  
GOLD SEAL BUILDING  
918 E DIVIDE AVE  
BISMARCK ND 58501

Approved by:  Organic

Approved by:  Inorganic

| Chemical Analysis of Sample |        |          |            |
|-----------------------------|--------|----------|------------|
| Analyte                     | Result | Units    | Evaluation |
| Conductivity                | 440.   | umhos/cm |            |
| Dissolved Solids(C)-Total   | 273.   | mg/L     | Fairly Low |
| Alkalinity (CaCO3)(Total)   | 45.6   | mg/L     | Low        |
| pH                          | 6.73   |          |            |
| Carbonate (CO3)             | < 1    | mg/L     |            |
| Bicarbonate (HCO3)          | 56.    | mg/L     |            |
| Fluoride (F)                | 0.12   | mg/L     |            |
| Hydroxide (OH)              | < 1    | mg/L     |            |
| Turbidity                   | 128.   | NTU      |            |

NOTE: This report represents the current state of work in progress.  
Additional analyses may change some of the results reported.

Statement: This analysis includes chemical content only,  
and does not determine the bacterial quality of the water.

For further information contact:  
North Dakota Department of Health  
Division of Laboratory Services - Chemistry  
Box 5520  
Bismarck, ND 58506-5520  
(701) 328-6140